ENES TALHA ERDEM

Data Science Specialist

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LinkedIn   Github   Website

Summary

Computer Science student at Ovidius University of Constanța and a selected participant of the Google AI Academy. I specialize in Data Science and Machine Learning, with a strong technical stack in Python, SQL, and T-SQL. Beyond analysis, I have advanced skills in enterprise data integration using Talend Studio and Qlik (Replicate & Compose) for real-time CDC and Data Warehouse automation. I am driven to leverage AI and data engineering to create meaningful value in international projects.

Professional Experience

Google Artificial Intelligence and Technology Academy   December 2025 – Present
Data Science Trainee

- Data Lifecycle Management: Managed end-to-end processes from cleaning raw data using SQL and Python to the analysis and reporting phases.
- Advanced Analytics: Applied statistical analysis, regression, and machine learning models to drive data-driven predictions.
- Strategic Communication: Transformed complex datasets into functional Tableau dashboards and visualizations to support executive business decisions.

OneDataLake   July 2025– Present
Data Scientist intern

- ETL/ELT Development: Developed data integration pipelines in Talend Studio and automated data ingestion with Qlik tools.
- Data Lake & DWH: Designed and managed data architectures, specializing in Data Lakehouse concepts and automated warehouse management.
- Advanced SQL & Python: Leveraged SQL and Python for complex data transformations and pipeline optimization within the OneDataLake ecosystem.

Education

Bachelor of Computer Science-Ovidius University of Constanța	**2023–2026**
Preparatory Year in Romanian	**2022–2023**

ADDITIONAL INFORMATION

Technical Skills

- **Data Science & ML**: Python (Pandas, NumPy, Scikit-learn), Machine Learning (ML), Data Analysis
- **Data Architecture**: Data Warehousing (DWH), Change Data Capture (CDC), Data Lake Automation
- **Data Integration**: Talend Studio (ETL/ELT), Qlik Replicate, Qlik Compose
- **Database:** SQL, T-SQL, PL/SQL
- **DevOps & Tools:** GitHub, Microsoft Excel
- **Business Acumen:** Data Science and Technology
- **Languages**: English B1 || Romanian B1 || Turkish:Native

CERTIFICATES:

- **BTK ACADEMY**:Transact-SQL (T-SQL) with Database Programming || Python Programming Language Certificate
- **COURSERA**:Foundations,Data,Data,Everywhere
- **MULTIGROUP**:: Zero2End Machine Learning

Projects

CineMatch: AI-Powered Personalized Movie Discovery

- Developed a hybrid recommendation engine using Cosine Similarity and genre-weighting to provide personalized film suggestions.
- Engineered a scalable FastAPI backend for high-performance data processing and integrated Scikit-learn for popularity normalization.
- Designed a modern, interactive user interface using Next.js and React, featuring an AI-driven chatbot for movie discovery.
- Collaborated in a cross-functional team, managing the integration of TMDB API for real-time data ingestion and dataset preparation.

University Management System (T-SQL)

- Built a robust T-SQL database featuring Stored Procedures, Triggers, and Transactions for automated academic management.
- Optimized data retrieval with Indexes and designed PIVOT-based reporting views for performance-driven insights.
  And you can view many of my projects on my GitHub.